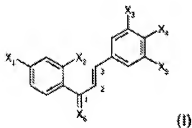


**AMENDMENTS TO THE CLAIMS:**

Please amend the claims as follows:

Claims 1-69. (Canceled)

70. (Previously Presented) A compound of formula (I)



in which:

X<sub>1</sub> is a halogen, R1 or -G1-R1,

X<sub>2</sub> is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio,

X<sub>3</sub> is -R3 or -G3-R3,

X<sub>4</sub> is a halogen, thionitroso, -R4 or -G4-R4,

X<sub>5</sub> is -R5 or -G5-R5,

X<sub>6</sub> is oxygen,

R3, R4, and R5, which are the same or different, are hydrogen or an alkyl optionally substituted by a group 1 or a group 2 substituent,

R1 is hydrogen, or an alkyl optionally substituted by a group 2 substituent,

G1, G3, G4, and G5, which are the same or different, are oxygen or sulphur wherein at least one of X<sub>1</sub>, X<sub>3</sub>, X<sub>4</sub> and X<sub>5</sub> is G1R1, G3R3, G4R4 and G5R5, respectively, and wherein none of X<sub>3</sub>, X<sub>4</sub> and X<sub>5</sub> is hydrogen, and wherein at least one

of R<sub>1</sub>, R<sub>3</sub>, R<sub>4</sub> or R<sub>5</sub> is an alkyl group containing at least one group 1 or group 2 substituent, said alkyl group being bound directly to the ring attached to said X<sub>1</sub>, X<sub>3</sub>, X<sub>4</sub> or X<sub>5</sub>, respectively, or being attached to G<sub>1</sub>, G<sub>3</sub>, G<sub>4</sub> or G<sub>5</sub>, respectively,

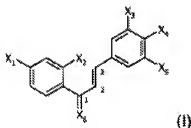
said group 1 substituents being selected from the group consisting of -COOR<sub>6</sub> and -CONR<sub>6</sub>R<sub>7</sub>,

said group 2 substituents being selected from the group consisting of -SO<sub>3</sub>H and -SO<sub>2</sub>NR<sub>6</sub>R<sub>7</sub>,

wherein R<sub>6</sub> and R<sub>7</sub>, which are the same or different, are hydrogen or an alkyl optionally substituted by at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts and mixtures thereof.

71. (Withdrawn) A compound of formula (I)



in which :

X<sub>1</sub> is -G<sub>1</sub>-R<sub>1</sub>, wherein G<sub>1</sub> is oxygen and R<sub>1</sub> is -C(CH<sub>3</sub>)<sub>2</sub>COOR<sub>6</sub>,

X<sub>2</sub> is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio,

X<sub>3</sub> is -R<sub>3</sub> or -G<sub>3</sub>-R<sub>3</sub>,

X<sub>4</sub> is a halogen, thionitroso, -R<sub>4</sub>, or -G<sub>4</sub>-R<sub>4</sub>,

$X_5$  is -R5 or -G5-R5,

$X_6$  is oxygen,

R3, R4, and R5, which are the same or different, are hydrogen, or alkyl optionally substituted by a group 1 or group 2 substituent ,

G3, G4, and G5, which are the same or different, are oxygen or sulfur,

wherein none of the groups  $X_3$ ,  $X_4$  and  $X_5$  is hydrogen, and at least one of the groups R1, R3, R4 and R5 is an alkyl substituted by at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring bearing the  $X_1$ ,  $X_3$ ,  $X_4$  or  $X_5$ , respectively, or being bound to the G1, G3, G4 or G5, respectively,

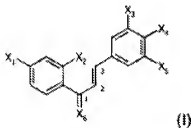
said group 1 substituents being selected from the group consisting of -COOR<sub>6</sub> and -CONR<sub>6</sub>R<sub>7</sub>,

said group 2 substituents being selected from the group consisting of -SO<sub>3</sub>H and -SO<sub>2</sub>NR<sub>6</sub>R<sub>7</sub>,

wherein R<sub>6</sub> and R<sub>7</sub>, which are the same or different, are hydrogen, or an alkyl optionally substituted with at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts and mixtures thereof.

72. (Withdrawn) A compound of formula (I)



in which:

$X_1$  is  $-R_1$ ,

$X_2$  is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio,

$X_3$  is  $-R_3$  or  $-G_3-R_3$ ,

$X_4$  is a halogen, thionitroso,  $-R_4$  or  $-G_4-R_4$ ,

$X_5$  is  $-R_5$  or  $-G_5-R_5$ ,

$X_6$  is oxygen,

$R_3$ ,  $R_4$ , and  $R_5$ , which are the same or different, are hydrogen, or alkyl optionally substituted by a group 1 or group 2 substituent,

$R_1$  is hydrogen, or alkyl optionally substituted by at least one group 1 substituent,

$G_3$ ,  $G_4$ , and  $G_5$ , which are the same or different, are oxygen or sulfur,

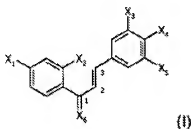
wherein at least one of  $X_3$ ,  $X_4$  or  $X_5$  are  $G_3R_3$ ,  $G_4R_4$  or  $G_5R_5$ , respectively, none of the groups  $X_3$ ,  $X_4$  and  $X_5$  are hydrogen, and at least one of  $R_1$ ,  $R_3$ ,  $R_4$  and  $R_5$  is an alkyl group containing at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring bound to said  $X_3$ ,  $X_4$  or  $X_5$ , respectively, or said alkyl is attached to  $G_3$ ,  $G_4$  or  $G_5$ , respectively,

said group 1 substituents being selected from the group consisting of  $-COOR_6$  and  $-CONR_6R_7$ ,

said group 2 substituents being selected from the group consisting of  $-SO_3H$  and  $-SO_2NR_6R_7$ ,

wherein  $R_6$  and  $R_7$ , which are the same or different, are hydrogen, or alkyl optionally substituted by at least one group 1 or group 2 substituent, and the optical and geometric isomers, racemates, tautomers, salts and mixtures thereof.

73. (Withdrawn) A compound of formula (I)



in which :

$X_1$  is  $-G1R1$ ,

$X_2$  is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio,

$X_3$  is  $-R3$  or  $-G3-R3$ ,

$X_4$  is a halogen, thionitroso,  $-R4$  or  $-G4-R4$ ,

$X_5$  is  $-R5$  or  $-G5-R5$ ,

$X_6$  is oxygen,

$R3$ ,  $R4$ , and  $R5$ , which are the same or different, are hydrogen, or an alkyl optionally substituted by a group 1 or group 2 substituent,

$R1$  is hydrogen or a  $C_4$  to  $C_{24}$  alkyl group optionally substituted by at least one group 1 or group 2 substituent,

$G1$ ,  $G3$ ,  $G4$ , and  $G5$ , which are the same or different, are oxygen or sulfur,

wherein none of  $X_3$ ,  $X_4$  and  $X_5$  are hydrogen, and at least one of  $R_1$ ,  $R_3$ ,  $R_4$  or  $R_5$  is an alkyl substituted by at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring attached to said  $X_3$ ,  $X_4$  and  $X_5$ , respectively, or said alkyl is attached to  $G_3$ ,  $G_4$  or  $G_5$ , respectively,

said group 1 substituents being selected from the group consisting of  $-\text{COOR}_6$  and  $-\text{CONR}_6\text{R}_7$ ,

said group 2 substituents being selected from the group consisting of  $-\text{SO}_3\text{H}$  and  $-\text{SO}_2\text{NR}_6\text{R}_7$ , wherein  $R_6$  and  $R_7$ , which are the same or different, are hydrogen, or an alkyl optionally substituted by at least one group 1 or group 2 substituent, and the optical and geometric isomers, racemates, tautomers, salts and mixtures thereof.

Claim 74. (Canceled)

Claim 75. (Cancelled)

76. (Withdrawn – Currently Amended) The compound of according to claim [[69,]] 70 or 73, wherein both  $G_1$  and  $G_4$  are sulfur.

77. (Currently Amended) The compound according to claim [[69, ]]70, 71, 72 or 73, wherein  $X_2$  is hydrogen, thionitroso, hydroxy, alkyloxy, thiol, or alkylthio.

78. (Currently Amended) The compound according to claim [[69, ]]70, 71, 72 or 73, wherein  $X_4$  is thionitroso,  $-\text{R}_4$ , or  $-\text{G}_4-\text{R}_4$  and  $X_2$  is thionitroso, hydroxy, alkyloxy, thiol or alkylthio.

Claim 79. (Cancelled)

80. (Currently Amended) The compound according to claim [[69, ]]70 or 73, wherein  $X_1$  is  $-G1-R1$ .

81. (Withdrawn – Currently Amended) The compound according to claim [[69, ]]70, or 73, wherein  $X_1$  is  $-G1-R1$  and  $G1$  is oxygen.

Claim 82. (Canceled)

83. (Withdrawn – Currently Amended) The compound according to claim [[69, ]]70, 71, 72 or 73, wherein  $X_3$  is  $-R3$  or  $-G3-R3$ , and  $R3$  is an alkyl substituted by a group 1 substituent.

84. (Withdrawn – Currently Amended) The compound according to claim [[69, ]]70, 71, 72 or 73, wherein  $X_3$  is  $-R3$  or  $-G3-R3$ , and  $R3$  is an alkyl substituted by a group 2 substituent.

85. (Currently Amended) The compound according to claim [[69, ]]70, 71, 72 or 73, wherein  $X_4$  is  $-R4$  or  $-G4-R4$  and  $R4$  is an alkyl substituted by a group 1 substituent.

86. (Currently Amended) The compound according to claim [[69, ]]70, 71, 72 or 73, wherein  $X_4$  is  $-G4-R4$  group.

87. (Currently Amended) The compound according to claim [[69, ]]70, 71, 72 or 73, wherein  $X_4$  is  $-G4-R4$  and  $G4$  is oxygen.

88. (Withdrawn – Currently Amended) The compound according to claim [[69, ]]70, 71, 72 or 73, wherein  $X_4$  is  $-G4-R4$ ,  $G4$  is oxygen, and  $X_3$  is  $R3$  or  $G3R3$  or  $X_5$  is  $R5$  or  $G5R5$  wherein  $R3$  and  $R5$ , which may be different, are an alkyl groups containing a group 1 substituent.

89. (Withdrawn – Currently Amended) The compound according to claim [[69, ]]  
70, 71, 72 or 73, wherein  $X_4$  is  $-R_4$  or  $-G_4-R_4$  wherein  $R_4$  is an alkyl group substituted by a group 2 substituent.

90. (Withdrawn – Currently Amended) The compound according to claim [[69 or ]]  
70 wherein  $X_1$  is a halogen.

Claim 91. (Cancelled)

92. (Previously Presented) The compound according to claim 70, 71, 72 or 73 wherein  $X_3$ ,  $X_4$  or  $X_5$  is  $OC(CH_3)_2COOR_6$ .

Claim 93. (Cancelled)

94. (Withdrawn) The compound according to claim 70, 71, 72 or 73, wherein  $X_3$ ,  $X_4$  or  $X_5$  represents  $SC(CH_3)_2COOR_6$ .

Claim 95. (Cancelled)

96. (Previously Presented) A compound selected in the group consisting of:

1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[3,5-di*tert*butyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-ethyloxycarbonyldimethylmethoxyphenyl]-3-[3,5-di*tert*butyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-isopropylloxycarbonyldimethylmethoxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,



1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-  
*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-isopropylloxycarbonyldimethylmethoxy-4-  
hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-  
*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-isopropylloxycarbonyldimethylmethyl-4-hydroxy-5-  
*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-  
*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-isopropylloxycarbonyldimethylmethyl-4-  
hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-  
carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-  
isopropylloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-carboxydimethylmethoxyphenyl]prop-2-  
en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-isopropylloxycarbonyl  
dimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[3,5-di-methoxy-4-  
hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-isopropoxyloxycarbonyldimethylmethoxyphenyl]-3-[3,5-dimethoxy-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-carboxydimethylmethoxyphenyl] prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-isopropoxyloxycarbonyldimethylmethoxyphenyl]- prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-isopropoxyloxycarbonyldimethylmethoxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-isopropoxyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-isopropoxyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[4-isopropoxyloxycarbonyldimethylmethylthiophenyl]prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-  
isopropylloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-chloro-2-hydroxyphenyl]-3-[4-carboxydimethyl(methylthiophenyl)]prop-2-en-1-one,

1-[4-carboxydimethylmethoxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethylthiophenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[2-hydroxy-4-bromophenyl]-3-[3,5-dimethyl-4-  
carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethoxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-  
isopropylloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-methoxy-4-chlorophenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-methoxy-4-chlorophenyl]-3-[3,5-dimethyl-4-  
carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-heptylphenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-heptylphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-bromophenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one, and

1-[2-hydroxy-4-isopropoxycarbonyldimethylmethoxyphenyl]-3-[3,5-ditertbutyl-4-hydroxyphenyl]prop-2-en-1-one.

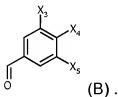
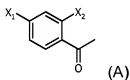
97. (Previously Presented) A compound selected in the group consisting of:

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one, and

1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one.

98. (Withdrawn – Currently Amended) A method for preparing a compound of claim [[69, ]70, 71, 72 or 73, comprising contacting in basic or acidic medium at least one compound corresponding to formula (A) with at least one compound corresponding to formula (B):



99. (Currently Amended) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim [[69, ]70, 71, 72 or 73.

Claim 100. (Cancelled)

101. (Currently Amended) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim [[69, ]]70, 71, 72 or 73, in a form for the treatment of a cerebral ischemia.

102. (Currently Amended) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim [[69, ]]70, 71, 72 or 73, in a form for the treatment of a hemorrhagic stroke.

Claim 103. (Canceled)

104. (Withdrawn – Currently Amended) A method of treatment of a cerebral ischemia comprising administering, to a subject in need of such treatment, at least one compound of claims [[69, ]]70, 71, 72 or 73.

105. (Withdrawn – Currently Amended) A method of treatment of a hemorrhagic stroke comprising administering, to a subject in need of such treatment, at least one compound of claims [[69, ]]70, 71, 72 or 73.

106. (Withdrawn – Currently Amended) A method for neuroprotection in cerebral ischemia comprising administering, to a subject in need of such neuroprotection, at least one compound of claims [[69, ]]70, 71, 72 or 73.